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Number of pages including this cover sheet: 24  
Date: December 2, 2004  
From: Lana E. Janes  
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E-Mail: ljanes@ogilvyrenault.com

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**Message**

Patent Application No. 09/943,465  
Applicant: Dennis G. Hall  
Title: PREPARATION AND USES OF CONJUGATED  
SOLID SUPPORTS FOR BORONIC ACIDS

Please find enclosed an Information Disclosure Statement dated September 1, 2004 as well as the accompanying Fee Transmittal Form and Transmittal Form for entry into the present application.

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54,905

Registration Number, if applicable

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- Information Disclosure Statement dated Dec 1, 04
- Listed References
- Fee transmittal form (x2)
- Transmittal form
- PTO/SB/08B

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 18 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number 09/943,465

Filing Date 08/31/2001

First Named Inventor HALL, Dennis G.

Group Art Unit 1713

Examiner Name Bernard Lipman

Total Number of Pages in This Submission

22

Attorney Docket Number P287-USa1

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- ☒ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.62 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please identify below):

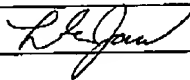
Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name

Lana E. Janes, Registration No. 54,905

Signature



Date

12/01/2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: \_\_\_\_\_

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**FEE TRANSMITTAL**  
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number **09/943,465**  
 Filing Date **August 31, 2001**  
 First Named Inventor **HALL, Dennis, G.**  
 Examiner Name **Bernard Lipman**  
 Art Unit **1713**  
 Attorney Docket No. **P287-Usa1**

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The Director is hereby authorized to: (check all that apply)

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**FEE CALCULATION****1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	

Subtotal (1) \$

**FEE CALCULATION (continued)****2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims Extra Claims Fee (\$)

- 20 or HP =

HP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$)

- 3 or HP =

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims Fee (\$)

Subtotal (2) \$

**3. OTHER FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure sumt. fee	180	180	180.00
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	

Other:

Subtotal (3) \$ 180.00

**SUBMITTED BY**

Signature   
 Name (Print/Type) **Lane E. Jones**

Registration No. **54,905**

(Attorney/Agent)

Telephone **416-216-1874**Date **Dec. 1, 2004**

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
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In re PATENT APPLICATION of HALL, Dennis

Application No.: 09/943,465

Group Art Unit: 1713

Filing Date: August 31, 2001

Examiner: Bernard Lipman

Attorney Docket No. P287-USa1

Title: **PREPARATION AND USES OF CONJUGATED SOLID SUPPORTS FOR BORONIC ACIDS**

December 1, 2004

**INFORMATION DISCLOSURE STATEMENT**

To: The Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.56, the Applicant encloses a completed Information Disclosure Citation, Form PTO/SI3/08B. Copies of the enumerated references in the Applicant's possession are enclosed, in accordance with 37 C.F.R. § 1.98.

This Information Disclosure Statement is filed more than three months after the filing date of this application but before the mailing of either a final action under § 1.113 or a Notice of Allowance under § 1.113 and is accompanied by the fee set forth in § 1.17(p).

According to the terms of 37 C.F.R. § 1.97(g) and (h), this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is or is considered to be material to patentability, or that no other material information exists.

**REMARKS**

The foregoing Information Disclosure Statement is based upon the information contained in the undersigned agent's file as of the filing date of this statement and is inclusive of the best

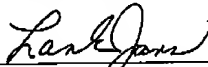
- 2 -

information known to the undersigned at that date.

Documents C1, C2 and C4 (Argonaut Technologies) refer to Applicant's publication dated 1999 (D. G. Hall et al. Angew. Chem. Int. Ed. Engl., 1999, 38, 3064) which was brought to the Examiner's attention by way of the an Information Disclosure Statement dated May 15, 2002. Document C3 also of Argonaut Technologies shows a table containing, inter alia, PS-DEAM. Document C5 (Novabiochem) refers on page 3 to Applicant's publication (D. G. Hall et al. Angew. Chem. Int. Ed. Engl., 1999, 38, 3064). Document C6 likewise refers to Applicant's publication (D. G. Hall et al. Angew. Chem. Int. Ed. Engl., 1999, 38, 3064).

Applicants respectfully request that any listed document be considered by the Examiner and made of record in the present application.

Respectfully submitted,



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Lana E. Jones (Reg. No. 54,905)  
Direct Dial: (416) 216-1874

Ogilvy Renault  
1981 McGill College Avenue, Suite 1600  
Montreal, Quebec, Canada H3A 2Y3

PTO/SB/b6B (02-03)  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/943,465
		Filing Date	August 31, 2002
		First Named Inventor	HALL, Dennis G.
		Art Unit	1713
		Examiner Name	Bernard Lipman
Attorney Docket Number	P287-Usa1		

Sheet 1 of 1

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	"Quench Resin for Metal Scavenging PS-DEAM", Argonaut (Foster City, CA), Chemical and Engineering News, Vol. 18, No. 11, March 18, 2002.	
	C2	PS-DEAM, copyright 2001 [retrieved in 2001 from the website of Argonaut Technologies] using Internet <URL: <a href="http://www.argotech.com/resins/files/PS-DEAM.htm">http://www.argotech.com/resins/files/PS-DEAM.htm</a> >.	
	C3	Solution Phase Reagents Selection Table [retrieved on November 30, 2004] using Internet <URL: <a href="http://www.argotech.com/products/lead/resins/solution_table.html">http://www.argotech.com/products/lead/resins/solution_table.html</a> >.	
	C4	Product Description entitled "Polymer Bound Diethanolamine PS-DEAM" [retrieved November 30, 2004] using Internet <URL: <a href="http://www.argotech.com/PDF/resins/ps_deam_tech.pdf">http://www.argotech.com/PDF/resins/ps_deam_tech.pdf</a> >.	
	C5	Letters No. 4/01, dated 2001, pp 1-4 [retrieved November 30, 2004] using Internet <URL: <a href="http://www.emdbiosciences.com/SharedImages/TechnicalLiterature/6_401letterweb.pdf">http://www.emdbiosciences.com/SharedImages/TechnicalLiterature/6_401letterweb.pdf</a> >.	
	C6	Technical Bulletin ROO2 entitled "PL-DEAM Resin", [retrieved on November 30, 2004] using Internet <URL: <a href="http://www.polymerlabs.com/stratospheres/bulletins/ROO2.pdf">http://www.polymerlabs.com/stratospheres/bulletins/ROO2.pdf</a> >.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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